

Claims

1. Blister pack for pharmaceutical products, diagnostic products or medical devices, comprising a blister base part (12) thermoformed from plastics material, a cover film (16) made of aluminium or an aluminium/plastics material composite and a lower sealing tray (18), which is sealed against the rear of the blister base part (12) and cold-formed from an aluminium/plastics material composite film,
5 characterised in that
10 the aluminium/plastics material composite film of the lower sealing tray (18) has, on the side directed toward the blister base part (12), a peelable heat-sealing layer made of a lacquer with an application weight of 2 to 20 g/m², a peelable plastics material film with a film thickness of 10 to 40 µm, preferably 15 to 30 µm, or a peelable plastics material coating with an
15 application weight of 5 to 40 g/m², preferably 7 to 20 g/m².
2. Blister pack according to claim 1, characterised in that the peelable heat-sealing layer consists of a lacquer with an application weight of 7 to 15 g/m².
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3. Blister pack according to claim 1, characterised in that the peelable plastics material film has a film thickness of 15 to 30 µm.
4. Blister pack according to claim 1, characterised in that the peelable plastics material coating has an application weight of 7 to 20 g/m².
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5. Blister pack according to any one of claims 1 to 4, characterised in that the plastics material of the blister base part (12) has a barrier with a penetration barrier effect against steam and/or gases.
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6. Blister pack according to claim 5, characterised in that the blister base part (12) is constructed from a laminate with the layer sequence PVC/PVDC, PVC/PE/PVDC, PVC/PCTFE, PVC/PE/PCTFE, PVC/PCTFE/PVC.

PVC/PE, PVC/COC/PE, PVC/COC/PVC, PVC/COC/PVDC, PVC/COC/PP, PVC/COC/PE. PVC/COC, PP/PVDC, PP/PCTFE, PP/PCTFE/PP, PP/COC/PP, PP/PET, PP/PE, PP/COC/PE, PP/COC/PCTFE, PP/COC, PET/PP/PVDC, PET/COC/PP, PET/COC/PVC, PET/COC/PVDC, PET/COC/PE, PET/PVC/PCTFE, PET/COC, PE/PCTFE, HDPE/PVDC, HDPE/PVC, PE/PCTFE/PE, PE/COC/PVDC, PE/COC or from LCP, HDPE, PP, PVC or PET containing LCP.

7. Blister pack according to any one of claims 1 to 6, characterised in that the aluminium/plastics material composite film of the lower sealing tray (18), which can be peeled from the rear of the blister base part (12), is an aluminium film with a thickness of 15 to 80 μm , preferably 25 to 60 μm which, on the side pointing away from the blister base part (12), is laminated with a plastics material film made of oriented polyamide (oPA), polyethylene terephthalate (PET) or oriented polypropylene (oPP) with a film thickness of 10 to 30 μm , preferably 15 to 25 μm , or is lacquered with a protective lacquer based on the lacquer raw materials, nitrocellulose, epoxy resin, polyester, polyurethane or mixtures of said lacquer raw materials with an application weight of 1 to 20 g/m^2 , preferably 7 to 15 g/m^2 .
8. Blister pack according to any one of claims 1 to 7, characterised in that the peelable heat-sealing layer which is directed toward the rear of the blister base part (12) is constructed with the same or similar chemical base components as the plastics material of the blister base part (12) forming the sealing face, or mixtures of these base components with materials which bring about an adhesive or cohesive break.
9. Blister pack according to claim 8, characterised in that the lacquer contains, as materials which bring about an adhesive or cohesive break, acrylates, polybutylates, Morprime, styrene acrylate with polyolefin groups, PVC/AC with acrylate, PP/butadiene or polyester/butadiene/styrene.

10. Blister pack according to any one of claims 1 to 9, characterised in that the peelable plastics material film which is directed toward the rear of the blister base part (12) or the peelable plastics material coating which is directed toward the rear of the blister base part (12) is constructed on the basis of PVC, PP, metallocene PP, PE, metallocene PE, PCTFE, PET, EAA, ionomers of PE and PE acrylates, EVA and copolymers with EVA.
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11. Blister pack according to claim 10, characterised in that the peelable plastics material film is extruded, coextruded or lacquer-laminated with a peelable coating.
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12. Blister pack according to claim 10, characterised in that the plastics material coating is coextruded with a peelable layer.